

Citation Design Concept

(... \citation\CitationDesignConcept.doc, 03/28/2000)

Synopsis: Over the years, FMCSA's Field Systems Group, has been approached by several states requesting that a citation software program be integrated into the Roadside Technology Software Suite. Recently, interest in a FMSCA sponsored citation program has reached the point that FSG has created a prototype citation program that initially would be used in conjunction with the ASPEN driver/vehicle inspection program. If the project is deemed feasible, it could evolve into a standalone program used by any/or all inspectors for recording citation information.

Purpose: The purpose of this document is to describe Field Systems Group's proposed citation program. Attached are some initial screen shots, a data dictionary, some reference tables, and a print-out of the report created by the citation program.

Background: The ASPEN driver/vehicle inspection program was introduced in 1995. Shortly after ASPEN's release, several other programs such as; the Inspection Selection System (ISS), AVALANCHE (inspection pre-processor and router), CDLIS, and the more recently introduced Past Inspection Query (PIQ) program were incorporated into what is now called the ASPEN Roadside Technology Suite. This suite is currently used in approximately 46 states.

Over the last several months, a comprehensive, re-coding of the original ASPEN software has been underway. To assist with creating the next generation of ASPEN, a Technical Working Group (TWG) consisting of state and federal representatives, was commissioned to provide design and operational guidance. It was during the quarterly TWG meeting, that FSG took advantage of the diverse TWG membership to introduce the FMCSA citation program prototype. Comments and suggestions gained from the TWG members were then incorporated into the citation program prototype. As a result, several TWG members have volunteered to test the new program.

Citation Screen Shots

(..\citation\citation.doc, 03/29/2000)

The screenshot shows a software window titled "Citation" with a menu bar (File, Help) and a toolbar. Below the toolbar is a tabbed interface with tabs: Start (selected), Defendant, Registration, Vehicle, Detail, Violation, and Finish. The "Start" tab contains the following fields:

- Citation Number:** A dropdown menu showing "C 57051".
- Citation Start Date /Time/Day:** A group box containing:
 - Start Date:** A date picker.
 - Start Time:** A time spinner set to "0".
 - Day Of Week:** A dropdown menu.
- Location:** A group box containing:
 - Location Description:** A text field.
 - State:** A dropdown menu.
 - County:** A dropdown menu.
 - City:** A dropdown menu.
 - Mile Post:** A text field.
- Highway Type:** A group box containing:
 - Highway:** A dropdown menu.
 - Route Number:** A text field.
- Direction Of Travel:** A group box with four radio buttons: North, South, East, and West.

At the bottom of the window, there is a status bar with two fields: "Citation Number : C 57051" and "Insp. Reference # : SDTT02302301".

Start Tab

The start tab displays important location information and time and date specifics pertaining to the citation being issued. If the program is used in conjunction with ASPEN, then most of fields on this tab would be automatically populated with the already captured inspection location information. The bottom of each screen also provides an inspection reference number for quick referral.

Citation

File Help

Start **Defendant** Registration Vehicle Detail Violation Finish

Defendant Information:

Last Name: First Name: MI:

Address:

City: State: Zipcode: Phone Number:

Defendant License Information:

Driver License Number: State:

DOB: Exp. Date: Social Security #:

Class: Endorsement:

Characteristics:

Height: Weight: Hair Color:

Sex: ☐ M ☐ F Eye Color: Race:

Citation Number : C 57051 Insp. Reference # : SDTT02302301

Defendant Tab

The defendant tab displays detailed information describing who committed the infraction. Most of the fields will already be populated with driver related information extracted from ASPEN.

Citation

File Help

Start Defendant **Registration** Vehicle Detail Violation Finish

Lessee Information:

☐ Same As Carrier ☐ Same As Defendant

Name:

Address:

City: State: Zipcode:

USDOTNumber: State Number:

Fax Number: Phone Number:

Citation Number : C 57051 Insp. Reference # : SDTT02302301

Registration Tab

The registration tab consists of the vehicle registration information. Placing a check-mark in the “same as carrier” or “same as defendant” box will automatically populate the fields. If the carrier is selected, then the motor carrier information stored in ASPEN will be used. If the defendant is selected, then the information entered on the citation defendant tab will be used.

The screenshot shows a software window titled "Citation" with a menu bar (File, Help) and a toolbar. Below the toolbar is a tabbed interface with tabs for Start, Defendant, Registration, Vehicle (selected), Detail, Violation, and Finish. The "Vehicle Information:" section contains "Add" and "Delete" buttons with plus-minus icons. Below these is a table with two columns and two rows. The first row has a small gray square in the first column and a larger gray rectangle in the second. The second row has a small white square in the first column and a larger white rectangle in the second. At the bottom, a status bar displays "Citation Number : C 57051" and "Insp. Reference # : SDTT02302301".

Vehicle Tab

Vehicle identification information is displayed on the vehicle tab. If the citation program is used with ASPEN, then all the vehicle information stored in ASPEN will be copied and displayed on this tab. Vehicles may be added or deleted as necessary.

Citation

File Help

Start Defendant Registration Vehicle **Detail** Violation Finish

Type Of Offense(s):

Speeding
Careless Driving
No Valid Registration
Validated Traffic Sign
Validated Stop Sign
Failure To Yield RC
Failure To Yield RC

Add
Delete

Action:
☐ Moving ☐ Non-Moving

Alcohol:
☐ D.W.I ☐ D.U.I B.A.C:

☐ **Accident Type:**
☐ Personal Injury ☐ Property Damage
☐ Fatal ☐ Pedestrian

Conditions:
Weather: Traffic: Road: Lighting:

Notes:

Citation Number : C 57051 Insp. Reference # : SDTT02302301

Detail Tab

The detail tab contains specific information pertaining to the offense committed. It also includes notes that the inspector may have and during what conditions the offense took place.

Citation

File Help

Start Defendant Registration Vehicle Detail **Violation** Finish

Violation Information:

Should we display F or X if violation from Fed or state?

+ Add - Delete Repeat

☐ Hazardous Material Violation
☐ Commercial Vehicle Violation
☐ Commercial Driver License Violation

Total Fine/Costs: \$0.00

Citation Number : C 57051 Insp. Reference # : SDTT02302301

Violation Tab

Violation specific information is displayed on the violation tab. If the citation program is used with ASPEN, then violations recorded in ASPEN will be copied and displayed on this tab. Violations may be added or deleted as necessary. A “repeat” button is also available for quickly duplicating existing violations. An additional column will be added to the grid for entering the fine amount for each violation listed.

Citation



File Help

Start Defendant Registration Vehicle Detail Violation **Finish**

Court Information:

☐ Required Court Appearance

Court Location:

Court Date:  Court Time: 

Officer Information:

Officer's Name:

Badge / ID Number:

County:

City:

Witness Information:

Last Name: First Name: MI: Phone Number:

Address:

City: State: Zipcode:

Citation Number : C 57051 Insp. Reference # : SDTT02302301

Finish Tab

The finish tab consists of court, witness, and reporting officer information. The court and officer information can be selected from a pre-defined list for quick and accurate data entry.

Citation Manager Screen Shots

(..\citation\citmanager.doc, 03/29/2000)

The screenshot shows the 'Citation Manager' application window with a blue title bar and a close button. The window contains several tabs: 'Main', 'Agency', 'Condition', 'Offense', 'Violation', 'QOS', and 'Officer/Witness'. The 'Main' tab is selected. It features three main sections: 'Citation Number:' with a text input field; 'County / Court Information:' with fields for Name, Address, Address2, City, State (a dropdown menu), County, and ZipCode (a dropdown menu), along with 'Search:' and 'Add'/'Delete' buttons; and 'Logo Location:' with a 'Print Logo' checkbox and a 'Logo Bitmap Path:' text input field. At the bottom right are 'OK' and 'Cancel' buttons.

Main Tab

The main tab allows a manager to create a unique citation report number. In addition a custom court list can be created allowing a user to quickly select the appropriate court to process the citation. Managers can also add a logo bitmap to the citation report by providing the logo path.

Citation Manager [X]

Main | **Agency** | Condition | Offense | Violation | QOS | Officer/Witness

Agency:

Name:

Address:

City: State: ZipCode:

Phone Number:

Agency Tab

The agency tab contains information pertaining to the agency who is issuing the citation. This information will print on the top of the report.

Citation Manager

Main | Agency | **Condition** | Offense | Violation | QOS | Officer/Witness

Weather:

Raining
Sunny
Cloudy

Delete Add

Road:

Concrete
Sandy

Delete Add

Traffic:

Light
Medium
Heavy

Delete Add

Lighting:

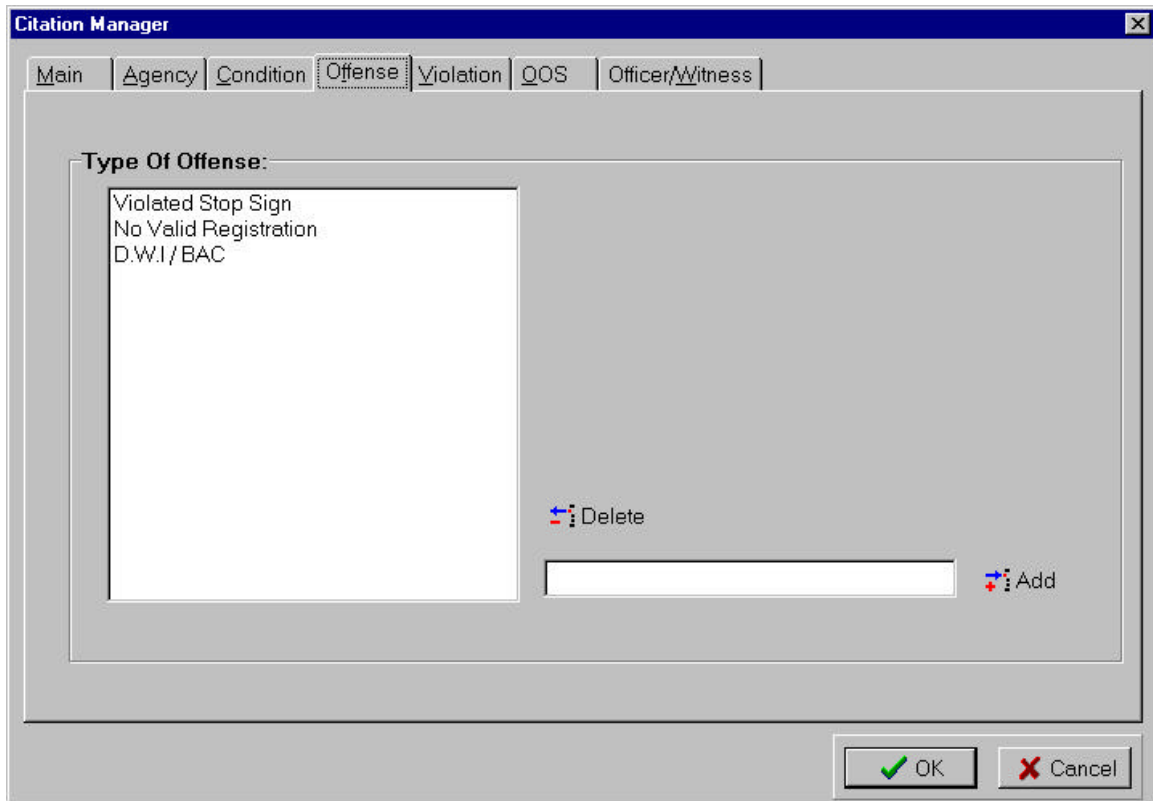
DayLight
Dark

Delete Add

OK Cancel

Condition Tab

The condition tab consists of the types of conditions that may be present when the infraction occurred. These lists are completely customizable by a manager and are intended to appear in the citation program when a user activates the popup lists.



Offense Tab

The offense tab allows a manager to customize the types of offenses that a user can select.

The screenshot shows a window titled "Citation Manager" with a standard Windows-style title bar (minimize, maximize, close buttons). Below the title bar is a tabbed interface with the following tabs: "Main", "Agency", "Condition", "Offense", "Violation" (which is the active tab), "QOS", and "Officer/Witness".

Inside the "Violation" tab, there is a section labeled "Violation Information:". Below this label are two buttons: "Add" (with a plus icon) and "Delete" (with a minus icon). Below these buttons is a large, empty rectangular area, likely a table or list box for entering violations. The bottom right corner of the window contains two buttons: "OK" (with a green checkmark icon) and "Cancel" (with a red X icon).

Violation Tab

The violation tab allows a manager to add or delete custom violations. The violations entered into this table will appear in the citation program for quick selection.

Citation Manager

Main Agency Condition Offense Violation **OOS** Officer/Witness

Officer OOS:

@NotaryName ?????

Defendant OOS:

OK Cancel

OOS Tab


The text required to print on a citation report is entered into either of these fields. This text is typically the legal language that explains the statute(s) that were violated.


Citation Manager

Main | Agency | Condition | Offense | Violation | QOS | **Officer/Witness**

Officer / Witness

Officer Information:



 Add

 Delete

Witness:

☐ Required Witness Information

☐ Print Out Witness Information

Officer/Witness Tab

This tab allows a manager to create an inspector list with officer information and instructs the citation program to require and/or print witness information.

Citation Data Dictionary

(..\citation\citdatadiction.wpd, 03/29/2000)

CitMain.db

Key	FieldName	Data Type	Size	Required	Notes
***	ReferenceNum	Alpha	12	Yes	
	CitationNum	Alpha	15		
	InspRptNum	Alpha	12		
	DayOfWeek	Alpha	10		
	CitDate	Date			
	CitTime	Time			
	Location	Alpha	30		
	County	Alpha	25		
	City	Alpha	25		
	State	Alpha	2		
	MilePost	Alpha	6		
	Highway	Alpha	25		
	Route #	Number	6		
	DirectionTravel	Alpha	6		
	DriverLName	Alpha	20		
	DriverFName	Alpha	20		
	DriverMI	Alpha	1		
	DriverStreet	Alpha	30		
	DriverPOBOX	Alpha	25		
	DriverCity	Alpha	25		
	DriverState	Alpha	2		
	DriverZipCode	Alpha	10		
	DriverLicNum	Alpha	25		
	DriverLicState	Alpha	2		
	DriverDOB	Date			

	DriverExpDate	Date			
	DriverType	Alpha	2		
	DriverPhoneNum	Alpha	13		
	DriverSSNum	Alpha	13		
	DriverSex	Alpha	1		
	DriverHeight	Alpha	5		
	DriverWeight	Num			
	DriverHair	Alpha	10		
	DriverEye	Alpha	10		
	DriverRace	Alpha	1		
	Ownername	Alpha	41		
	OwnerStreet	Alpha	30		
	OwnerCity	Alpha	25		
	OwnerState	Alpha	2		
	OwnerZipCode	Alpha	10		
	USDOTNum	Alpha	8		
	StateCensusNum	Alpha	12		
	OwnerPhone	Alpha	13		
	OwnerFax	Alpha	13		
	InspectorName	Alpha	41		
	InspectorCode	Alpha	6		
	TotalCost	Number			
	CourtDate	Date			
	CourtTime	Time			
	RequiredCourtAppearance	Logical			
	WitnessLName	Alpha	20		
	WitnessFName	Alpha	20		
	WitnessMI	Alpha	1		
	WitnessStreet	Alpha	30		
	WitnessCity	Alpha	25		
	WitnessState	Alpha	2		

	WitnessZipcode	Alpha	10		
	WitnessPhone	Alpha	13		
	WitnessFax	Alpha	13		
	Notes	Memo			
	NotaryName	A	41		

VehicleInfo.db

Key	Field Name	Data Type	Size	Required	Note
***	Reference Num	A	12		
	UnitNum	A	1		
	UnitType	A	2		
	UnitMake	A	10		
	UnitYear	D			
	UnitState	A	2		
	UnitLicNum	A	12		
	UnitVin	A	17		
	UnitRegistrationNum	A	25		
	UnitModel	A	10		
	UnitColor	4	4		

ViolInfo.db

Key	Field Name	Data Type	Size	Required	Notes
***	Reference Num	A	12	Yes	

	UnitNum	A	1		
	Section	A	25		
	VioDesc	A	162		
	FineAmount	Num			

Condition.db

Key	Field Name	Data Type	Size	Required	Notes
***	ReferenceNum	A	12		
	Weather	A	20		
	Traffic	A	20		
	Road	A	20		
	Lighting	A	20		

Details.db

Key	Field Name	Data Type	Size	Required	Notes
***	ReferenceNum	A	12		
	Details	Memo			

InspCode.db

Key	Field Name	Data Type	Size	Required	Notes
	OfficerLName	A	20		
	OfficerFName	A	20		
	OfficerMI	A	1		
	OfficerID	A	6		

Address.db

Key	Field Name	Data Type	Size	Required	Notes
	AgencyName	A	55		
	AgencyPOBOX	A	30		
	AgencyStreet	A	30		
	AgencyCity	A	25		
	AgencyState	A	2		
	AgencyZipCode	A	10		
	AgencyPhone	A	13		
	CourtName	A	55		
	CourtStreet	A	30		
	CourtCity	A	25		
	CourtState	A	2		
	CourtZipCode	A	10		
	LogoPath	A	25		
	PrintLogo	Logical			
	OfficerOOS	Memo			
	DefendantOOS	Memo			

Citation Reference Tables

(...\citation\citreferencetbl.wpd, 03/29/2000)

Highway Type

Interstate
Rural
State Highway
Farm To Market
Municipal
Other

Conditions

Weather	Traffic	Road	Lighting
Clear Heavy Moderate Crossing On Coming Same Direction None Pedestrian	Light Cloudy Raining Fog Dusk Night Other	Dry Concrete Dry Blacktop Dry Dirt Wet Concrete Wet Blacktop Wet Dirt Ice Concrete Ice Blacktop Ice Dirt Other Concrete Other Blacktop Other Dirt	Daylight Darkness Other

Type Of Offenses

Speeding
Careless Driving
No Valid Registration
Validated Traffic Signal
Validated Stop Sign
Failure To Yield ROW- Vehicle
Failure To Yield ROW-Pedestrian
Follow To Closely
Improper Changed Of Lane Or Course
Improper Passing
No Valid Operator's License
No Operator's License On Person
Expired Driver License - Four Months Or Less
Expired Driver License - More Than Four Months
Driving While License Suspended Or Revoked
Safety Belt Violation
Expired Tag - Four Months Or Less
Expired Tag - More Than Four Months
No Proof Insurance
Petty Offense
Misdemeanor
Operate
Park

UNIFORM TRAFFIC CITATION AND COMPLAINT

Agency: Jefferson County Court House
590 Blake St. Rm# 165
Denver, Co. 80228
(303)969-5140

Citation #: 70822R3

Day of Wk: Monday
Date: 3/29/00 **Time:** 15:34
Insp. Ref #: USAA88008978
County: Jefferson
City: Lakewood

Conditions	Weather	Traffic	Road	Lighting
	Raining	Medium	Concrete	DayLight

Defendant Information

Name
Cannon, T. George
P.O. Box 3333
Denver, Co. 80228

Driver's License # DE-90-9090 **State** CO **DOB** 09/23/49
Type DL **Exp. Date** 09/23/00 **Phone #** (303)969-5140 **SS #** 234-09-8989
Sex F **Ht** 5'6" **Wt** 190 **Hair** Dark Brown **Eyes** Hazel Green **Race** Causcasian

Registered Owner or Lessee

☐ Same As Defendant

Name
Y & C Granite Co.
P. O. Box 345
Lakewood, Co. 80228

USDOT #: 080806
State #: YZX34567
Phone #: (303)969-5140
Fax #: (303)969-5140



Vehicle Information

License Plate #	State	Year	Make	Type	Model	Color	Vin #	Registration #
89-KLOG	WA	1990	AMCO	TT	Toyota	Black	JKL-9089	JKL-908943-POKL

Type Of Offense: D.W.I /BAC; Violated Stop Sign; No Valid Registration

Violations

Violation Code	Descriptions	Fine Amount
21-801.1 (b)	Operating Unregistered Motor Veh.	\$102.00
21-902	Driving while intoxicated & Under influence alcohol & Under influence of	\$300.00
21-201	Failure obey traffic device	\$40.00
Total		\$442.00

I certify that copy of this summons and information was duly served upon the defendant according to law on the above date and I know or believe and so allege that the above named defendant did commit the offense herein set forth contrary to law. I further certify that the court to which the defendant has been directed to appear is proper court pursuant to section 77-7-19.

Officer's Signature

Badge / ID#
8909

X _____

☐ **Required Court Appearance** **Court Due Date:** 3/29/00 **Time:** 02:43:PM

Jefferson County Court House
590 Blake St. Rm#165
Denver, Co. 80228

I agree and promise to comply and answer to the charges and instructions specified in this citation. Willful refusal to accept and sign this citation may result in arrest. I understand my signatue is not an admission of guilt or waiver of rights.

Defendant's Signature

Page 1 of 1

X _____



USAA88008978